

## FORM PTO-1449

INFORMATION DISCLOSURE  
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## U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NO.    | DATE  | NAME OF INVENTOR | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|-------|------------------|-------|----------|----------------------------|
| 1                 | US 6,132,740 A  | 10/00 | Hu               |       |          |                            |
| 2                 | US 3,178,440 A  | 4/65  | Siegrist et al.  |       |          |                            |
| 3                 | US 2004/016063A | 1/04  | Chassot et al.   |       |          |                            |
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## FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES OR NO |
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| 4 | International Search Report International Application No. PCT/EP 03/13704 mailed 4/21/04   |
| 5 | Kruse et al., "Synthetic Applications of 2-Chloro-1, 3-dithiane,2, <sup>12</sup> Reactions with Carbon Nucleophiles", Journal of Organic Chemistry, vol. 44, no. 11, 1979, pp. 1847-1851- Page 1851, right-hand column, reference 23, compound with RN:34334-73-6 - Page 1849, right-hand column, last paragraph – page 1850, left-hand column, line 10; table III |
| 6 | Bailini et al., "Thioacetalization of Carbonyl Compounds by Zeolite HSZ-360 as a New, Effective Heterogeneous Catalyst", Synthetic Communications, vol. 29, no. 5, 1999, pages 767-772, Marcel Dekker, Inc., Basel, CH, pp. 767, examples J, M; table 1  |
| 7 | Patent Abstracts of Japan, vol. 2002, no. 03, 4/3/02 & JP 2001 316386 A (T. Hasegawa Co. Ltd.), 11/13/01, abstract   |
| 8 | Derwent Abstract for German Patent DE20108704 U1 dated 9/6/01 (Wella AG)   |

EXAMINER

DATE CONSIDERED

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